



## SECTION 1058

### POLYETHYLENE SHEETING

**1058.1 Scope.** These specifications cover polyethylene sheeting for uses in highway construction.

**1058.2** Polyethylene sheeting for curing portland cement concrete shall be white and shall conform to all requirements of AASHTO M 171.

**1058.3** Polyethylene sheeting for use as a bond breaker under bridge approach slabs shall have a minimum nominal thickness of 4.0 mils (0.10 mm) and a plain surface finish. The sheeting may be natural, clear, white or color tinted with a light color, however black or other dark colors shall not be used. The polyethylene sheeting shall conform to the requirements of either AASHTO M 171 or ASTM D 4397, except the following properties are not required:

- (a) Reflectance requirements, AASHTO M 171 and ASTM D 4397
- (b) Moisture loss requirements, AASHTO M 171
- (c) Water vapor transmission requirements, ASTM D 4397
- (d) Luminous transmittance requirements, ASTM D 4397
- (e) Minimum net weight (mass) requirements, ASTM D 4397

**1058.4 Certification and Acceptance.** The contractor shall furnish a manufacturer's certification that the material supplied conforms to the requirements specified.